



2009213

## FOR INTERNAL USE ONLY:

- ☐ Normal Profile    ☐ X-Profile  
☐ One Time Waste    ☐ Repeat Waste  
 Fax X-Profiles only to 617-380-3581



## WASTE MATERIAL PROFILE SHEET

Profile Number **CH 227644**

## A. GENERAL INFORMATION

GENERATOR EPA ID # UTR D00 000 661

GENERATOR CODE (Assigned by Clean Harbors) \_\_\_\_\_

ADDRESS 777 WEST 100 SOUTHGENERATOR TECHNICAL CONTACT: CRISTINA E. BYRON-HARTMAN

CUSTOMER CODE (Assigned by Clean Harbors) \_\_\_\_\_

ADDRESS 3978 SOUTH 210 WESTGENERATOR NAME: USEPA REGION 8CITY SALT LAKE CITYSTATE UT ZIP 84101PHONE (801) 312-7007CUSTOMER NAME: ENVIRONMENTAL RESTORATION LLC.CITY SALT LAKE CITYSTATE UT ZIP 84104

## B. WASTE DESCRIPTION

Common Name of Waste: LUBE OIL / LUBRIC FLUIDProcess Generating Waste: UNUSED OFF-SPEC.

## Process Generating Waste:

(check one) If spill, origin of spilled material

- ☒ Unused chemical or product  
☐ Lab Pack  
☐ Spent halogenated solvents  
☐ Spent non-halogenated solvents  
☐ Wastewater treatment sludge from electroplating or etching operations  
☐ Spent plating bath solutions or residues of plating, stripping and cleaning baths where cyanides are used in the process  
☐ Wood preservation  
☐ Inorganic pigment production  
☐ Organic chemical production  
☐ Inorganic chemical production  
☐ Pesticide production  
☐ Explosives production  
☐ Petroleum refining  
☐ Iron or steel production or finishing  
☐ Primary copper production  
☐ Primary lead production  
☐ Primary zinc production  
☐ Primary Aluminum production  
☐ Ferro alloy production  
☐ Secondary lead smelting  
☐ Veterinary pharmaceutical production  
☐ Ink formulation  
☐ Coking  
☐ Other \_\_\_\_\_  
☐ Unknown

## Source of Waste:

(check one)

- ☐ Unused Product or Chemical  
☐ Waste by-product from process  
☐ Spill clean up  
☐ Lab Pack  
☒ Planned site remediation  
☐ Other (specify) \_\_\_\_\_

## Other Process Information:

(check all that apply)

- ☐ Still bottoms  
☐ Process scrap  
☐ Process development  
☒ Out of date product  
☐ Spent solvent waste  
☐ Treatment residues  
☐ Filter cake  
☐ Degreasing  
☐ Exempt recyclable material  
☐ Packaged consumer goods  
☒ Off-spec chemical product  
☐ Zinc, Al, or tin plating  
☐ Anodizing  
☐ Cleaning/stripping  
☐ Wastewater treatment sludges  
☐ Washwaters  
☐ Pot liners

## Other Process Information:

(check all that apply)

- ☐ Electroplating  
☐ Conversion coating  
☐ Carbon steel plating  
☐ Printed circuit mfg.  
☐ Cyanide process  
☐ Heat treating  
☐ Separator sludge  
☐ Oven residue  
☐ Catalyst waste  
☐ Centrifuged solids  
☐ Condensate  
☐ Air, steam, or vacuum stripping  
☐ Emission control dust  
☐ Acid leaching  
☐ Dipping operations  
☐ Chemical manufacturing  
☐ Carbon adsorption  
☐ Incineration or thermal treatment  
☐ Refining  
☐ Drug mfg.  
☐ Distillation  
☐ Pesticide mfg.  
☐ Reclamation  
☐ Etching of metals  
☐ Bag house dust

## C. PHYSICAL PROPERTIES (at 25°C or 77°F)

## PHYSICAL STATE

- ☐ SOLID WITHOUT FREE LIQUID  
☐ POWDER  
☐ MONOLITHIC SOLID  
☒ LIQUID WITH NO SOLIDS  
☐ LIQUID/SOLID MIXTURE  
     % FREE LIQUID \_\_\_\_\_  
     % SETTLED SOLID \_\_\_\_\_  
     % TOTAL SUSPENDED SOLID \_\_\_\_\_  
☐ GAS/AEROSOL

## NUMBER OF PHASES/LAYERS

- ☒ 1    ☐ 2    ☐ 3  
 % BY VOLUME (APPROX.)  
 TOP \_\_\_\_\_ MIDDLE \_\_\_\_\_ BOTTOM \_\_\_\_\_

## ODOR

- ☒ NONE OR MILD  
☐ STRONG

## BOILING POINT (if liquid)

- ☐ ≤ 100°F  
☒ > 100°F

## VISCOSITY (If liquid present)

- ☐ LOW (e.g. WATER)  
☒ MEDIUM (e.g. MOTOR OIL)  
☐ HIGH (e.g. MOLASSES)

## COLOR

CLEAR  
YELLOW-BROWN

## MELTING POINT (for solids only)

- ☒ < 140°F  
☐ 140-200°F  
☐ > 200°F

## FLASH POINT

- ☐ < 73°F  
☒ 73-100°F  
☐ 101-140°F  
☐ 141-200°F  
☐ > 200°F

## pH

- ☒ < 2  
☐ 2.1 - 6.9  
☐ 7 (neutral)  
☐ 7.1 - 12.4  
☐ ≥ 12.5

## SPECIFIC GRAVITY

- ☐ < 0.8 (e.g. Gasoline)  
☒ 0.8-1.0 (e.g. Ethanol)  
☐ 1.0 (e.g. Water)  
☐ 1.0-1.2 (e.g. Antifreeze)  
☐ > 1.2 (e.g. Methylene Chloride)

## TOTAL ORGANIC CARBON (If liquid)

- ☐ ≤ 1%  
☐ 1-9%  
☒ ≥ 10%

## BTU/LB

- ☐ < 2,000  
☐ 2,000-5,000  
☐ 5,000-10,000  
☒ > 10,000

VAPOR PRESSURE (for liquids only) \_\_\_\_\_ mm Hg

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Center at (303) 312-6473.

**D. COMPOSITION** (Must add up to at least 100%. Include inert materials and/or debris if applicable. Actual percent or range is acceptable.)

PURE OIL	100%								
CUTTING FLUID	100%								
WATER	5%								

☐ Check if MSDS attached.

**E. CONSTITUENTS**— Attach any available analysis. Enter values or ranges where known. For TCLP values, BRL signifies below regulatory level. None, unknown, and present are also acceptable answers.

Are these values based on ☒ Knowledge or ☐ Testing?

**INORGANIC**

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL mg/l	OTHER METALS	TOTAL	NON-METALS	WT%
D004	ARSENIC	5.0		NONE	ALUMINUM	NONE	SULFUR	NONE
D005	BARIUM	100.0			ANTIMONY		BROMINE	
D006	CADMIUM	1.0			BERYLLIUM		CHLORINE	
D007	CHROMIUM	5.0			CALCIUM		FLUORINE	
D007	CHROMIUM CR+6				COPPER		IODINE	
D008	LEAD	5.0			MAGNESIUM			
D009	MERCURY	0.2			MOLYBDENUM			PPM
D010	SELENIUM	1.0			NICKEL		AMMONIA	
D011	SILVER	5.0			POTASSIUM		REACTIVE SULFIDE	
					SILICON		CYANIDE-TOTAL	
					SODIUM		CYANIDE AMENABLE	
					THALLIUM		CYANIDE REACTIVE	
					TIN			
					VANADIUM			
					ZINC			

**ORGANIC**

VOLATILE COMPOUNDS				SEMI-VOLATILE COMPOUNDS			
	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL mg/l		REGULATORY LEVEL (mg/l)	TCLP	TOTAL
D018	BENZENE	0.5		D023	o-CRESOL	200.0	NONE
D019	CARBON TETRACHLORIDE	0.5		D024	m-CRESOL	200.0	
D021	CHLOROBENZENE	100.0		D025	p-CRESOL	200.0	
D022	CHLOROFORM	6.0		D026	CRESOL (TOTAL)	200.0	
D028	1,2-DICHLOROETHANE	0.5		D027	1,4-DICHLOROETHANE	7.5	
D029	1,1-DICHLOROETHYLENE	0.7		D030	2,4-DINITROTOLUENE	0.13	
D035	METHYL ETHYL KETONE	200.0		D032	HEXACHLOROETHANE	0.13	
D039	TETRACHLOROETHYLENE	0.7		D033	HEXACHLOROBUTADIENE	0.5	
D040	TRICHLOROETHYLENE	0.5		D034	HEXACHLOROETHANE	3.0	
D043	VINYL CHLORIDE	0.2		D036	NITROBENZENE	2.0	
				D037	PENTACHLOROPHENOL	100.0	
				D038	PYRIDINE	5.0	
				D041	2,4,5-TRICHLOROPHENOL	400.0	
				D042	2,4,6-TRICHLOROPHENOL	2.0	

PESTICIDES AND HERBICIDES				OTHER			
	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL mg/l				
D012	ENDRIN	0.02		PHENOL		PPM	
D013	LINDANE	0.4		TOTAL PETROLEUM HYDROCARBONS (SOILS ONLY)		PPM	
D014	METHOXYCHLOR	10.0		PCB'S			
D015	TOXAPHENE	0.5		<input type="checkbox"/> NONE			
D016	2,4-D	10.0		<input type="checkbox"/> < 50 PPM			
D017	2,4,5-TP (SILVEX)	1.0		<input type="checkbox"/> ≥ 50 PPM			
D020	CHLORDANE	0.03		IF PCB'S ARE PRESENT			
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008		< 50 PPM, IS THE WASTE			
				REGULATED BY TSCA			
				40 CFR 761?			
				<input type="checkbox"/> YES <input type="checkbox"/> NO			

OTHER HAZARDS		YES		YES		YES	
WATER REACTIVE	<input type="checkbox"/>	PESTICIDE	<input type="checkbox"/>	SHOCK SENSITIVE	<input type="checkbox"/>	DEA REGULATED SUBSTANCE	<input type="checkbox"/>
RADIOACTIVE	<input type="checkbox"/>	HERBICIDE	<input type="checkbox"/>	THERMALLY SENSITIVE	<input type="checkbox"/>	OXIDIZER	<input type="checkbox"/>
DIOXIN	<input type="checkbox"/>	EXPLOSIVE	<input type="checkbox"/>	INFECTIOUS, PATHOGENIC,	<input type="checkbox"/>	REDUCING AGENT	<input type="checkbox"/>
OSHA REGULATED		SPONTANEOUSLY		OR ETIOLOGICAL AGENT	<input type="checkbox"/>	NONE OF THE ABOVE	<input type="checkbox"/>
CARCINOGENS	<input type="checkbox"/>	IGNITES WITH AIR	<input type="checkbox"/>	ASBESTOS	<input type="checkbox"/>		

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED? YES ☐ NO ☒ (If yes, explain)

Profile Number **CH 227644**

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**F. REGULATORY STATUS**

- Y ☐ N ☒ **USEPA HAZARDOUS WASTE?** (If Yes List codes.)
- ☐ **DO ANY GENERATOR STATE WASTE CODES APPLY?** IF YES, LIST STATE CODES
- LIST ANY FEDERAL OR STATE WASTE CODES WHICH MAY VARY FROM SHIPMENT TO SHIPMENT:

WILL THE DECISION TO VARY THESE WASTE CODES BE BASED ON ☐ KNOWLEDGE OR ☐ TESTING (check one).IF KNOWLEDGE, DESCRIBE BASIS OF KNOWLEDGE:                     

- ☐ ☒ **IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?**  
THIS WASTE IS A: ☐ WASTEWATER ☐ NON WASTEWATER PER USEPA DEFINITION IN 40 CFR 268.2.
- ☐ ☒ **IF ANY WASTE CODES D001, D002, D003 (OTHER THAN REACTIVE CYANIDE OR REACTIVE SULFIDE), D004-D011, D012-D017 NON-WASTEWATERS, OR D018-D043 APPLY, ARE THERE ANY UNDERLYING HAZARDOUS CONSTITUENTS (UHC'S) PRESENT ABOVE UNIVERSAL TREATMENT STANDARDS (UTS)?**
- ☐ ☒ **DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?**
- ☐ ☒ **IS THIS WASTE SUBJECT TO CATEGORICAL PRETREATMENT DISCHARGE STANDARDS?**  
IF YES, SPECIFY POINT SOURCE CATEGORY LISTED IN 40 CFR PART 401.
- ☐ ☒ **IS THIS WASTE REGULATED UNDER THE BENZENE NESHAP RULES? (IS THIS WASTE FROM A CHEMICAL MANUFACTURING, COKE BY-PRODUCT RECOVERY, OR PETROLEUM REFINERY PROCESS?)**
- ☐ ☒ **DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS  $\geq 500$  PPM?**
- ☐ ☒ **DOES THIS WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE  $\geq .3$ KPA (.044 psia)?**
- ☐ ☒ **DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE GREATER THAN 77 KPa (11.2psia)?**

**G. D.O.T. INFORMATION:** List all shipping names that may be used. Attach additional page if necessary.D.O.T. SHIPPING NAME NON DOT/RCRA REGULATED LIQUID  
(LUBE OIL, CUTTING FLUID) DOT HAZARD CLASS:                     UN/NA #                      PACKING GROUP (Circle 1) I II III HAZARD ZONE (Circle 1) A B C D  
WILL THIS SHIPPING NAME VARY? ☐ Y ☐ N IF YES, WILL ASSIGNMENT OF PROPER SHIPPING NAME BE BASED ON ☐ KNOWLEDGE OR ☐ TESTING? (check one) IF KNOWLEDGE, DESCRIBE BASIS OF KNOWLEDGE:                     **H. TRANSPORTATION REQUIREMENTS**ESTIMATED SHIPMENT FREQUENCY: ☒ ONE TIME ☐ WEEKLY ☐ SEMI-MONTHLY ☐ MONTHLY ☐ QUARTERLY ☐ OTHER                     ☐ **BULK LIQUID**GALLONS/SHIPMENT:                      GAL.                     FROM TANKS: TANK SIZE                      GAL.                     FROM DRUMS

VEHICLE TYPE:

                     VAC TRUCK                     TANK TRUCK                     RAILROAD TANK CAR

CHECK COMPATIBLE STORAGE MATERIALS:

                     STEEL                      STAINLESS STEEL (316)                     RUBBER LINED                      FIBERGLASS LINED                     OTHER                     ☐ **BULK SOLD**                     TON/YD PER SHIPMENTSTORAGE CAPACITY                      TON/YD

VEHICLE TYPE:

                     DUMP TRAILER                     ROLL OFF BOX                     INTERMODAL ROLLOFF BOX                     CUSCO/VACTOR                     OTHER                     ☒ **CONTAINERIZED**                     CONTAINERS/SHIPMENTSTORAGE CAPACITY:                      CONTAINERS

CONTAINER TYPE:

                     CUBIC YARD BOX                     PALLET                     TOTE TANK                     DRUM SIZE: 20 55

CONTAINER MATERIAL:

☒ STEEL                     FIBER                     PLASTIC                     OTHER                     **I. SAMPLE STATUS**REPRESENTATIVE SAMPLE HAS BEEN SUPPLIED. ☐ YES ☒ NO SAMPLED BY                      DATE SAMPLED                     **J. SPECIFIC DISPOSAL RESTRICTIONS OR REQUESTS:** FULL BLENDSPECIAL WASTE HANDLING REQUIREMENTS: STAINLESSOTHER COMMENTS OR REQUESTS: NONE**K. BIENNIAL/ANNUAL REPORTING INFORMATION.**SIC CODE                      SOURCE CODE                      FORM CODE                      ORIGIN CODE                     **GENERATOR'S CERTIFICATION**

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

DATE

[Signature]Deborah J. StricklandFOSSOR6/4/2008**FOR CLEAN HARBORS USE ONLY**CHI REPRESENTATIVE COMPLETING PROFILE:                     **CUSTOMER COPY**

**FOR INTERNAL USE ONLY:**

- ☐ Normal Profile    ☐ X-Profile  
☐ One Time Waste    ☐ Repeat Waste  
 Fax X-Profiles only to 617-380-3581

**WASTE MATERIAL PROFILE SHEET**Profile Number **CH 227643****A. GENERAL INFORMATION**

GENERATOR EPA ID # UFR 000000661  
 GENERATOR CODE (Assigned by Clean Harbors) \_\_\_\_\_  
 ADDRESS 377 WEST 100 SOUTH  
 GENERATOR TECHNICAL CONTACT: LEIGH MYERS, Byron Hartman PHONE: 313 312 7047  
 CUSTOMER CODE (Assigned by Clean Harbors) \_\_\_\_\_  
 CUSTOMER NAME: ENVIRONMENTAL RESTORATION LLC  
 ADDRESS 3478 SOUTH 2ND WEST CITY SALT LAKE CITY STATE UT ZIP 84104

**B. WASTE DESCRIPTION**

Common Name of Waste: PERSONAL PANTS  
 Process Generating Waste: UNUSED, NOT SPEC. CLOT OF DATE

**Process Generating Waste:**

(check one) If spill, origin of spilled material

- ☒ Unused chemical or product  
☒ Lab Pack  
☐ Spent halogenated solvents  
☐ Spent non-halogenated solvents  
☐ Wastewater treatment sludge from electroplating or etching operations  
☐ Spent plating bath solutions or residues of plating, stripping and cleaning baths where cyanides are used in the process  
☐ Wood preservation  
☐ Inorganic pigment production  
☐ Organic chemical production  
☐ Inorganic chemical production  
☐ Pesticide production  
☐ Explosives production  
☐ Petroleum refining  
☐ Iron or steel production or finishing  
☐ Primary copper production  
☐ Primary lead production  
☐ Primary zinc production  
☐ Primary Aluminum production  
☐ Ferro alloy production  
☐ Secondary lead smelting  
☐ Veterinary pharmaceutical production  
☐ Ink formulation  
☐ Coking  
☐ Other \_\_\_\_\_  
☐ Unknown

**Source of Waste:**

(check one)

- ☐ Unused Product or Chemical  
☐ Waste by-product from process  
☐ Spill clean up  
☐ Lab Pack  
☐ Planned-site remediation  
☐ Other: \_\_\_\_\_

**Other Process Information:**

(check all that apply)

- ☐ Still bottoms  
☐ Process scrap  
☐ Process development  
☒ Out of date product  
☐ Spent solvent waste  
☐ Treatment residues  
☐ Filter cake  
☐ Degreasing  
☐ Exempt recyclable material  
☐ Packaged consumer goods  
☒ Off-spec chemical product  
☐ Zinc, Al, or tin plating  
☐ Anodizing  
☐ Cleaning/stripping  
☐ Wastewater treatment sludges  
☐ Washwaters  
☐ Pot liners

**Other Process Information:**

(check all that apply)

- ☐ Electroplating  
☐ Conversion coating  
☐ Carbon steel plating  
☐ Printed circuit mfg.  
☐ Cyanide process  
☐ Heat treating  
☐ Separator sludge  
☐ Oven residue  
☐ Catalyst waste  
☐ Centrifuged solids  
☐ Condensate  
☐ Air, steam, or vacuum stripping  
☐ Emission control dust  
☐ Acid leaching  
☐ Dipping operations  
☐ Chemical manufacturing  
☐ Carbon adsorption  
☐ Incineration or thermal treatment  
☐ Refining  
☐ Drug mfg.  
☐ Distillation  
☐ Pesticide mfg.  
☐ Reclamation  
☐ Etching of metals  
☐ Bag house dust

**C. PHYSICAL PROPERTIES (at 25°C or 77°F)****PHYSICAL STATE**

- ☐ SOLID WITHOUT FREE LIQUID  
☐ POWDER  
☐ MONOLITHIC SOLID  
☐ LIQUID WITH NO SOLIDS  
☐ LIQUID/SOLID MIXTURE  
   % FREE LIQUID \_\_\_\_\_  
   % SETTLED SOLID \_\_\_\_\_  
   % TOTAL SUSPENDED SOLID \_\_\_\_\_  
☒ GAS/AEROSOL

**NUMBER OF PHASES/LAYERS**

- ☒ 1    ☐ 2    ☐ 3  
 % BY VOLUME (APPROX.)  
 TOP \_\_\_\_\_ MIDDLE \_\_\_\_\_ BOTTOM \_\_\_\_\_

**ODOR**

- ☒ NONE OR MILD  
☐ STRONG

**BOILING POINT (if liquid)**

- ☒ ≤ 100°F  
☐ > 100°F

**VISCOSITY (If liquid present)**

- ☒ LOW (e.g. WATER)  
☐ MEDIUM (e.g. MOTOR OIL)  
☐ HIGH (e.g. MOLASSES)

**COLOR**VARIES**MELTING POINT (for solids only)**

- ☒ < 140°F  
☐ 140-200°F  
☐ > 200°F

**FLASH POINT**

- ☒ < 73°F  
☐ 73-100°F  
☐ 101-140°F  
☐ 141-200°F  
☐ > 200°F

**pH**

- ☐ ≤ 2  
☐ 2.1 - 6.9  
☒ 7 (neutral)  
☐ 7.1 - 12.4  
☐ ≥ 12.5

**SPECIFIC GRAVITY**

- ☒ < 0.8 (e.g. Gasoline)  
☐ 0.8-1.0 (e.g. Ethanol)  
☐ 1.0 (e.g. Water)  
☐ 1.0-1.2 (e.g. Antifreeze)  
☐ > 1.2 (e.g. Methylene Chloride)

**TOTAL ORGANIC CARBON (If liquid)**

- ☐ ≤ 1%  
☐ 1-9%  
☒ ≥ 10%

**BTU/LB**

- ☐ < 2,000  
☐ 2,000-5,000  
☒ 5,000-10,000  
☐ > 10,000

VAPOR PRESSURE (for liquids only) \_\_\_\_\_ mm Hg

**D. COMPOSITION** (Must add up to at least 100%. Include inert materials and/or debris if applicable. Actual percent or range is acceptable.)

PESTICIDES AND HERBICIDES	100	%							
PAINT, ADHESIVE, SEALANT		%							
LIQUIDS & GASES		%							
		%							
		%							
		%							

☐ Check if MSDS attached.

**E. CONSTITUENTS** — Attach any available analysis. Enter values or ranges where known. For TCLP values, BRL signifies below regulatory level. None unknown, and present are also acceptable answers.

Are these values based on ☐ Knowledge or ☐ Testing?

**INORGANIC**

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL mg/l	OTHER METALS	TOTAL	NON-METALS	WT%
D004	ARSENIC	5.0			ALUMINUM		SULFUR	
D005	BARIUM	100.0			ANTIMONY		BROMINE	
D006	CADMIUM	1.0			BERYLLIUM		CHLORINE	
D007	CHROMIUM	5.0			CALCIUM		FLUORINE	
D007	CHROMIUM CR+6				COPPER		IODINE	
D008	LEAD	5.0			MAGNESIUM			
D009	MERCURY	0.2			MOLYBDENUM			PPM
D010	SELENIUM	1.0			NICKEL		AMMONIA	
D011	SILVER	5.0			POTASSIUM		REACTIVE SULFIDE	
					SILICON		CYANIDE-TOTAL	
					SODIUM		CYANIDE AMENABLE	
					THALLIUM		CYANIDE REACTIVE	
					TIN			
					VANADIUM			
					ZINC			

**ORGANIC**

VOLATILE COMPOUNDS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL mg/l	SEMI-VOLATILE COMPOUNDS	REGULATORY LEVEL (mg/l)	TCLP	TOTAL
D018	BENZENE	0.5		D023	o-CRESOL	200.0	
D019	CARBON TETRACHLORIDE	0.5		D024	m-CRESOL	200.0	
D021	CHLOROBENZENE	100.0		D025	p-CRESOL	200.0	
D022	CHLOROFORM	6.0		D026	CRESOL (TOTAL)	200.0	
D028	1,2-DICHLOROETHANE	0.5		D027	1,4-DICHLOROBENZENE	7.5	
D029	1,1-DICHLOROETHYLENE	0.7		D030	2,4-DINITROTOLUENE	0.13	
D035	METHYL ETHYL KETONE	200.0		D032	HEXACHLOROBENZENE	0.13	
D039	TETRACHLOROETHYLENE	0.7		D033	HEXACHLOROBUTADIENE	0.5	
D040	TRICHLOROETHYLENE	0.5		D034	HEXACHLOROETHANE	3.0	
D043	VINYL CHLORIDE	0.2		D036	NITROBENZENE	2.0	
				D037	PENTACHLOROPHENOL	100.0	
				D038	PYRIDINE	5.0	
				D041	2,4,5-TRICHLOROPHENOL	400.0	
				D042	2,4,6-TRICHLOROPHENOL	2.0	

PESTICIDES AND HERBICIDES	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL mg/l	OTHER
D012	ENDRIN	0.02		PHENOL
D013	LINDANE	0.4		TOTAL PETROLEUM HYDROCARBONS (SOILS ONLY)
D014	METHOXYCHLOR	10.0		PCB'S
D015	TOXAPHENE	0.5		<input type="checkbox"/> NONE
D016	2,4-D	10.0		<input type="checkbox"/> < 50 PPM
D017	2,4,5-TP (SILVEX)	1.0		<input type="checkbox"/> ≥ 50 PPM
D020	CHLORDANE	0.03		IF PCB'S ARE PRESENT
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008		< 50 PPM, IS THE WASTE
				REGULATED BY TSCA
				40 CFR 761?
				<input type="checkbox"/> YES <input type="checkbox"/> NO

OTHER HAZARDS	YES	PESTICIDE	YES	SHOCK SENSITIVE	YES	DEA REGULATED SUBSTANCE	YES
WATER REACTIVE	<input type="checkbox"/>	HERBICIDE	<input type="checkbox"/>	THERMALLY SENSITIVE	<input type="checkbox"/>	OXIDIZER	<input type="checkbox"/>
RADIOACTIVE	<input type="checkbox"/>	EXPLOSIVE	<input type="checkbox"/>	INFECTIOUS, PATHOGENIC,	<input type="checkbox"/>	REDUCING AGENT	<input type="checkbox"/>
DIOXIN	<input type="checkbox"/>	SPONTANEOUSLY	<input type="checkbox"/>	OR ETIOLOGICAL AGENT	<input type="checkbox"/>	NONE OF THE ABOVE	<input type="checkbox"/>
OSHA REGULATED	<input type="checkbox"/>	IGNITES WITH AIR	<input type="checkbox"/>	ASBESTOS	<input type="checkbox"/>		
CARCINOGENS	<input type="checkbox"/>						

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED? YES ☐ NO ☐ (If yes, explain)



**FOR INTERNAL USE ONLY:**

- ☐ Normal Profile    ☐ X-Profile  
☐ One Time Waste    ☐ Repeat Waste  
 Fax X-Profiles only to 617-380-3581

**WASTE MATERIAL PROFILE SHEET**Profile Number **CH 227636****A. GENERAL INFORMATION**GENERATOR EPA ID # UTR 000 000 661

GENERATOR CODE (Assigned by Clean Harbors) \_\_\_\_\_

ADDRESS 377 WEST 100 SOUTHGENERATOR TECHNICAL CONTACT: PIPER HARRIS / RICH MYERS

CUSTOMER CODE (Assigned by Clean Harbors) \_\_\_\_\_

ADDRESS 378 SOUTH 210 WESTGENERATOR NAME: ULTRA REGION 8CITY SALT LAKE CITY STATE UT ZIP 84101

PHONE: \_\_\_\_\_

CUSTOMER NAME: LAWRENCE LABOR RESERVATION LLCCITY SALT LAKE CITY STATE UT ZIP 84101**B. WASTE DESCRIPTION**Common Name of Waste: Photochemicals - causticProcess Generating Waste: Unused off spec**Process Generating Waste:**

(check one) If spill, origin of spilled material

- ☒ Unused chemical or product  
☐ Lab Pack  
☐ Spent halogenated solvents  
☐ Spent non-halogenated solvents  
☐ Wastewater treatment sludge from electroplating or etching operations  
☐ Spent plating bath solutions or residues of plating, stripping and cleaning baths where cyanides are used in the process  
☐ Wood preservation  
☐ Inorganic pigment production  
☐ Organic chemical production  
☐ Inorganic chemical production  
☐ Pesticide production  
☐ Explosives production  
☐ Petroleum refining  
☐ Iron or steel production or finishing  
☐ Primary copper production  
☐ Primary lead production  
☐ Primary zinc production  
☐ Primary Aluminum production  
☐ Ferro alloy production  
☐ Secondary lead smelting  
☐ Veterinary pharmaceutical production  
☐ Ink formulation  
☐ Coking  
☐ Other \_\_\_\_\_  
☐ Unknown

**Source of Waste:**

(check one)

- ☒ Unused Product or Chemical  
☐ Waste by-product from process  
☐ Spill clean up  
☐ Lab Pack  
☐ Planned site remediation  
☐ Other: \_\_\_\_\_

**Other Process Information:**

(check all that apply)

- ☐ Still bottoms  
☐ Process scrap  
☐ Process development  
☒ Out of date product  
☐ Spent solvent waste  
☐ Treatment residues  
☐ Filter cake  
☐ Degreasing  
☐ Exempt recyclable material  
☐ Packaged consumer goods  
☒ Off-spec chemical product  
☐ Zinc, Al, or tin plating  
☐ Anodizing  
☐ Cleaning/stripping  
☐ Wastewater treatment sludges  
☐ Washwaters  
☐ Pot liners

**Other Process Information:**

(check all that apply)

- ☐ Electroplating  
☐ Conversion coating  
☐ Carbon steel plating  
☐ Printed circuit mfg.  
☐ Cyanide process  
☐ Heat treating  
☐ Separator sludge  
☐ Oven residue  
☐ Catalyst waste  
☐ Centrifuged solids  
☐ Condensate  
☐ Air, steam, or vacuum stripping  
☐ Emission control dust  
☐ Acid leaching  
☐ Dipping operations  
☐ Chemical manufacturing  
☐ Carbon adsorption  
☐ Incineration or thermal treatment  
☐ Refining  
☐ Drug mfg.  
☐ Distillation  
☐ Pesticide mfg.  
☐ Reclamation  
☐ Etching of metals  
☐ Bag house dust

**C. PHYSICAL PROPERTIES (at 25°C or 77°F)****PHYSICAL STATE**

- ☐ SOLID WITHOUT FREE LIQUID  
☐ POWDER  
☐ MONOLITHIC SOLID  
☐ LIQUID WITH NO SOLIDS  
☒ LIQUID/SOLID MIXTURE  
 % FREE LIQUID 100%  
 % SETTLED SOLID \_\_\_\_\_  
 % TOTAL SUSPENDED SOLID \_\_\_\_\_  
☐ GAS/AEROSOL

**NUMBER OF PHASES/LAYERS**

- ☒ 1    ☐ 2    ☐ 3  
 % BY VOLUME (APPROX.)  
 TOP \_\_\_\_\_ MIDDLE \_\_\_\_\_ BOTTOM \_\_\_\_\_

**ODOR**

- ☒ NONE OR MILD  
☐ STRONG

**VISCOSITY (If liquid present)**

- ☒ LOW (e.g. WATER)  
☐ MEDIUM (e.g. MOTOR OIL)  
☐ HIGH (e.g. MOLASSES)

**COLOR**Clear to yellow**BOILING POINT (If liquid)**

- ☐ ≤ 100°F  
☒ > 100°F

**MELTING POINT (for solids only)**

- ☐ < 140°F  
☐ 140-200°F  
☐ > 200°F N/A

**FLASH POINT**

- ☐ < 73°F  
☐ 73-100°F  
☒ 101-140°F  
☐ 141-200°F  
☐ > 200°F

**pH**

- ☐ ≤ 2  
☐ 2.1 - 6.9  
☐ 7 (neutral)  
☐ 7.1 - 12.4  
☐ ≥ 12.5

**SPECIFIC GRAVITY**

- ☐ < 0.8 (e.g. Gasoline)  
☐ 0.8-1.0 (e.g. Ethanol)  
☐ 1.0 (e.g. Water)  
☒ 1.0-1.2 (e.g. Antifreeze)  
☐ > 1.2 (e.g. Methylene Chloride)

**TOTAL ORGANIC CARBON (If liquid)**

- ☐ ≤ 1%  
☒ 1-9%  
☐ ≥ 10%

**BTU/LB**

- ☒ < 2,000  
☐ 2,000-5,000  
☐ 5,000-10,000  
☐ > 10,000

VAPOR PRESSURE (for liquids only) \_\_\_\_\_ mm Hg



**D. COMPOSITION** (Must add up to at least 100%. Include inert materials and/or debris if applicable. Actual percent or range is acceptable.)

<u>WATER</u>	<u>95</u>	<u>98</u>	<u>%</u>						
<u>POTASSIUM HYDROXIDE</u>	<u>0</u>	<u>3</u>	<u>%</u>						
<u>SODIUM HYDROXIDE</u>	<u>0</u>	<u>3</u>	<u>%</u>						
<u>HYDROXYMETHYL</u>	<u>0</u>	<u>5</u>	<u>%</u>						

☐ Check if MSDS attached.

**E. CONSTITUENTS** — Attach any available analysis. Enter values or ranges where known. For TCLP values, BRL signifies below regulatory level. None, unknown, and present are also acceptable answers.

Are these values based on ☐ Knowledge or ☐ Testing?

**INORGANIC**

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL mg/l	OTHER METALS	TOTAL	NON-METALS	WT%
D004	ARSENIC	5.0		<u>NONE</u>	ALUMINUM	<u>NONE</u>	SULFUR	<u>NONE</u>
D005	BARIUM	100.0			ANTIMONY		BROMINE	
D006	CADMIUM	1.0			BERYLLIUM		CHLORINE	
D007	CHROMIUM	5.0			CALCIUM		FLUORINE	
D007	CHROMIUM CR+6				COPPER		IODINE	
D008	LEAD	5.0			MAGNESIUM			
D009	MERCURY	0.2			MOLYBDENUM			
D010	SELENIUM	1.0			NICKEL		AMMONIA	
D011	SILVER	5.0			POTASSIUM		REACTIVE SULFIDE	
					SILICON		CYANIDE-TOTAL	
					SODIUM		CYANIDE AMENABLE	
					THALLIUM		CYANIDE REACTIVE	
					TIN			
					VANADIUM			
					ZINC			

**ORGANIC**

VOLATILE COMPOUNDS				SEMI-VOLATILE COMPOUNDS			
	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL mg/l		REGULATORY LEVEL (mg/l)	TCLP	TOTAL
D018	BENZENE	0.5		D023	o-CRESOL	200.0	<u>NONE</u>
D019	CARBON TETRACHLORIDE	0.5		D024	m-CRESOL	200.0	
D021	CHLOROBENZENE	100.0		D025	p-CRESOL	200.0	
D022	CHLOROFORM	6.0		D026	CRESOL (TOTAL)	200.0	
D028	1,2-DICHLOROETHANE	0.5		D027	1,4-DICHLOROETHANE	7.5	
D029	1,1-DICHLOROETHYLENE	0.7		D030	2,4-DINITROTOLUENE	0.13	
D035	METHYL ETHYL KETONE	200.0		D032	HEXACHLOROETHANE	0.13	
D039	TETRACHLOROETHYLENE	0.7		D033	HEXACHLOROBUTADIENE	0.5	
D040	TRICHLOROETHYLENE	0.5		D034	HEXACHLOROETHANE	3.0	
D043	VINYL CHLORIDE	0.2		D036	NITROBENZENE	2.0	
				D037	PENTACHLOROPHENOL	100.0	
				D038	PYRIDINE	5.0	
				D041	2,4,5-TRICHLOROPHENOL	400.0	
				D042	2,4,6-TRICHLOROPHENOL	2.0	

PESTICIDES AND HERBICIDES				OTHER			
	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL mg/l				
D012	ENDRIN	0.02	<u>NONE</u>	PHENOL		PPM	
D013	LINDANE	0.4		TOTAL PETROLEUM HYDROCARBONS (SOILS ONLY)		PPM	
D014	METHOXYCHLOR	10.0		PCB'S			
D015	TOXAPHENE	0.5		<input checked="" type="checkbox"/> NONE			
D016	2,4-D	10.0		<input type="checkbox"/> < 50 PPM		HOC'S	
D017	2,4,5-TP (SILVEX)	1.0		<input type="checkbox"/> ≥ 50 PPM		<input type="checkbox"/> NONE	
D020	CHLORDANE	0.03		IF PCB'S ARE PRESENT		<input type="checkbox"/> < 1000 PPM	
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008		< 50 PPM, IS THE WASTE		<input type="checkbox"/> ≥ 1000 PPM	
				REGULATED BY TSCA			
				40 CFR 761?			
				<input type="checkbox"/> YES <input type="checkbox"/> NO			

OTHER HAZARDS		YES		YES		YES	
WATER REACTIVE	<input type="checkbox"/>	PESTICIDE	<input type="checkbox"/>	SHOCK SENSITIVE	<input type="checkbox"/>	DEA REGULATED SUBSTANCE	<input type="checkbox"/>
RADIOACTIVE	<input type="checkbox"/>	HERBICIDE	<input type="checkbox"/>	THERMALLY SENSITIVE	<input type="checkbox"/>	OXIDIZER	<input type="checkbox"/>
DIOXIN	<input type="checkbox"/>	EXPLOSIVE	<input type="checkbox"/>	INFECTIOUS, PATHOGENIC, OR ETIOLOGICAL AGENT	<input type="checkbox"/>	REDUCING AGENT	<input type="checkbox"/>
OSHA REGULATED CARCINOGENS	<input type="checkbox"/>	SPONTANEOUSLY IGNITES WITH AIR	<input type="checkbox"/>	ASBESTOS	<input type="checkbox"/>	NONE OF THE ABOVE	<input type="checkbox"/>

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED? YES ☐ NO ☒ (If yes, explain)

Profile Number **CH 227636**

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**F. REGULATORY STATUS**

Y ☐ N ☐ USEPA HAZARDOUS WASTE? (IF Yes List codes.) D002  
☐ ☒ DO ANY GENERATOR STATE WASTE CODES APPLY? IF YES, LIST STATE CODES \_\_\_\_\_  
LIST ANY FEDERAL OR STATE WASTE CODES WHICH MAY VARY FROM SHIPMENT TO SHIPMENT: \_\_\_\_\_

WILL THE DECISION TO VARY THESE WASTE CODES BE BASED ON ☐ KNOWLEDGE OR ☐ TESTING (check one).  
IF KNOWLEDGE, DESCRIBE BASIS OF KNOWLEDGE: \_\_\_\_\_

- ☐ ☐ IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?  
THIS WASTE IS A: ☐ WASTEWATER ☐ NON WASTEWATER PER USEPA DEFINITION IN 40 CFR 268.2.
- ☐ ☒ IF ANY WASTE CODES D001, D002, D003 (OTHER THAN REACTIVE CYANIDE OR REACTIVE SULFIDE), D004-D011, D012-D017 NON-WASTEWATERS, OR D018-D043 APPLY, ARE THERE ANY UNDERLYING HAZARDOUS CONSTITUENTS (UHC'S) PRESENT ABOVE UNIVERSAL TREATMENT STANDARDS (UTS)?
- ☐ ☒ DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?
- ☐ ☒ IS THIS WASTE SUBJECT TO CATEGORICAL PRETREATMENT DISCHARGE STANDARDS?  
IF YES, SPECIFY POINT SOURCE CATEGORY LISTED IN 40 CFR PART 401. \_\_\_\_\_
- ☐ ☒ IS THIS WASTE REGULATED UNDER THE BENZENE NESHAP RULES? (IS THIS WASTE FROM A CHEMICAL MANUFACTURING, COKE BY-PRODUCT RECOVERY, OR PETROLEUM REFINERY PROCESS?)
- ☐ ☒ DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS  $\geq$  500 RPM?
- ☐ ☒ DOES THIS WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE  $\geq$  .3KPA (.044 psia)?
- ☐ ☒ DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE GREATER THAN 77 KPa (11.2psia)?

**G. D.O.T. INFORMATION:** List all shipping names that may be used. Attach additional page if necessary.

D.O.T. SHIPPING NAME WASTE CAUSTIC ALKALI A.O.S. H. 200 1719 P.O.  
POTASSIUM HYDROXIDE, SODIUM HYDROXIDE DOT HAZARD CLASS: 8

UN/NA # 1719 PACKING GROUP (Circle 1) I III HAZARD ZONE (Circle 1) A B C D

WILL THIS SHIPPING NAME VARY? ☐ Y ☐ N IF YES, WILL ASSIGNMENT OF PROPER SHIPPING NAME BE BASED ON ☒ KNOWLEDGE OR ☐ TESTING? (check one) IF KNOWLEDGE, DESCRIBE BASIS OF KNOWLEDGE: \_\_\_\_\_

**H. TRANSPORTATION REQUIREMENTS**

ESTIMATED SHIPMENT FREQUENCY: ☒ ONE TIME ☐ WEEKLY ☐ SEMI-MONTHLY ☐ MONTHLY ☐ QUARTERLY ☐ OTHER \_\_\_\_\_

☐ BULK LIQUID

GALLONS/SHIPMENT: \_\_\_\_\_ GAL.

FROM TANKS: TANK SIZE \_\_\_\_\_ GAL.

FROM DRUMS

VEHICLE TYPE:

\_\_\_\_ VAC TRUCK

\_\_\_\_ TANK TRUCK

\_\_\_\_ RAILROAD TANK CAR

CHECK COMPATIBLE STORAGE MATERIALS:

\_\_\_\_ STEEL \_\_\_\_\_ STAINLESS STEEL (316)

\_\_\_\_ RUBBER LINED \_\_\_\_\_ FIBERGLASS LINED

\_\_\_\_ OTHER \_\_\_\_\_

☐ BULK SOLD

\_\_\_\_ TON/YD PER SHIPMENT

STORAGE CAPACITY \_\_\_\_\_ TON/YD

VEHICLE TYPE:

\_\_\_\_ DUMP TRAILER

\_\_\_\_ ROLL OFF BOX

\_\_\_\_ INTERMODAL ROLLOFF BOX

\_\_\_\_ CUSCO/VACTOR

\_\_\_\_ OTHER \_\_\_\_\_

☒ CONTAINERIZED

\_\_\_\_ CONTAINERS/SHIPMENT

STORAGE CAPACITY: \_\_\_\_\_ CONTAINERS

CONTAINER TYPE:

\_\_\_\_ CUBIC YARD BOX

\_\_\_\_ PALLET

\_\_\_\_ TOTE TANK

\_\_\_\_ DRUM SIZE: 55

CONTAINER MATERIAL:

\_\_\_\_ STEEL

\_\_\_\_ FIBER

\_\_\_\_ PLASTIC

\_\_\_\_ OTHER \_\_\_\_\_

**I. SAMPLE STATUS**

REPRESENTATIVE SAMPLE HAS BEEN SUPPLIED. ☐ YES ☒ NO SAMPLED BY \_\_\_\_\_ DATE SAMPLED \_\_\_\_\_

**J. SPECIFIC DISPOSAL RESTRICTIONS OR REQUESTS:** \_\_\_\_\_

SPECIAL WASTE HANDLING REQUIREMENTS: RECYCLE

OTHER COMMENTS OR REQUESTS: \_\_\_\_\_

**K. BIENNIAL/ANNUAL REPORTING INFORMATION.**

SIC CODE \_\_\_\_\_ SOURCE CODE \_\_\_\_\_ FORM CODE \_\_\_\_\_ ORIGIN CODE \_\_\_\_\_

**GENERATOR'S CERTIFICATION**

I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

DATE

[Signature] [Name] [Title] 6/17/2014

FOR CLEAN HARBORS USE ONLY

CHI REPRESENTATIVE COMPLETING PROFILE: \_\_\_\_\_

CUSTOMER COPY